Harsha Vardhan Dorapalli

⬛ **HarshaDorapalli** | 🔗 harsha616 | ✉ dorapalliharsha@gmail.com | 📱 +91 9014829938

SUMMARY

Full Stack Developer skilled in **ReactJS, NodeJS, ExpressJS, and MongoDB**, with hands-on experience in building web applications. Currently developing an **Employee Payroll System** with a full-stack approach. Strong problem-solving ability with **350+ problems solved** across coding platforms like **LeetCode and Geeks for Geeks**. Passionate about **efficient coding and frontend development**.

WORK EXPERIENCE

Edunet , SRM AP– Front-End Intern | Html, Css, Javascript   June2024–July 2024

- Gained hands-on experience in front-end development through a portfolio project, utilizing technologies such as HTML, CSS, JavaScript.
- Designed and implemented a responsive, visually appealing interface to improve user engagement and accessibility.

PROJECTS

1) **Employee Payroll System | ReactJS, Express, MongoDB, Bootstrap**
- Developed a **full-stack payroll management system** used by **HR and payroll teams** to process **100+ employees'** salaries, tax deductions, and overtime payments.
- Reduced **manual payroll errors by 90%** by automating calculations and report generation.
- Built **10+ API endpoints** for CRUD operations, ensuring seamless data storage and retrieval.

2) **MNIST Digit Recognition Model | Python, TensorFlow, Keras, TensorFlow.js**
- Trained a **6-layer CNN** model achieving **99.2% accuracy** on the **MNIST dataset**, improving baseline performance by **3%** using **data augmentation** and **dropout regularization**.
- Developed a **model** with a **prediction latency of <100ms**, processing **1,000+ user-drawn digit submissions**, achieving **95% correct predictions**.
- Optimized model size by **40%** for efficient deployment with **TensorFlow.js**, ensuring smooth performance in **low-resource environments**.

3) **Grocify | ReactJS**
- Developed a **responsive online grocery app** with **1,000+ lines of code**, providing a smooth shopping experience for users.
- Implemented a **3-step guest checkout process**, reducing cart abandonment by **40%**.
- Optimized **state management**, improving page load speed by **30%** across all devices.

EDUCATION

2022-2026(Expected)	B.Tech at **SRM University AP**	(GPA: 8.41)
2020 - 2022	Class 12th State Board , Tenali.	93.9%
2020	Class 10th State Board, Tenali.	97.8%

SKILLS

- **Languages**   :- C , C++ , Java , Python , JavaScript, SQL.
- **Technologies** :- ReactJS , NodeJS , ExpressJS ,Bootstrap.
- **Tools**   :- Git, GitHub ,MySQL, MongoDB, Mangoose, Pandas, NumPy, Matplotlib**.**